



EASTERN REGIONAL TRAUMA ADVISORY COMMITTEE
DATE: March 8, 2012 **PLACE: Billings Clinic**

PRESENT:

Billings Clinic: BVonBergen, DGoss,
SVH: SHageman, Dr.Wilcox,TC Coble,
 SMiller,CBratsky

Helena DPHHS: JHansen

Sheridan WY: L.Belus

Big Horn County (Hardin): Dr. A. Quanbeck

TELEPRESENT:

Bozeman: SMiller

Big Timber: KRonneberg, KWinters

Colstrip: J.Craig, JOrtiz

Columbus: DDonahue

Culbertson: T.Moore, **Shelly P.**

Forsyth: M.Price

Glasgow: C.Berger

Lewistown: DDuffy

Livingston: **Heather, K.Patterson**

Malta: LCrowder, DBagley

MHN (Miles City): STaylor

NEMHS: TStrand; PTurnbaugh, **Nanette**

Helena DPHHS: JNemec, CKussman

Plentywood: LFawcett CMehl,

Roundup: LShanks, **Brin**

Scobey: L.Liebrand, J.Handran, L.Hinkley

Sidney: J.King, **Kay**

Red Lodge: RHowe,Dr. B.Oley,

Terry: **Amanda**

23 Facilities/Organizations

43 Participants Thank You!

TOPIC	DISCUSSION	RECOMMENDATION	ACTION / FOLLOW-UP
<u>CALL TO ORDER</u>	Meeting called to order by Billy Oley, MD. Reminders to FAX signed rosters and evals.		RESPONSIBLE PARTY none
<u>REVIEW OF MINUTES</u>			Minutes approved
<u>CASE REVIEWS</u>	1. <u>Case 1. Train vs Car:</u> Case presentation highlighting the challenges associated with scene safety and blunt traumatic arrest.	<i>Safety of care providers is paramount. Work with law enforcement/fire to secure scene. Blunt trauma arrest have extremely poor prognosis if treatment delayed. Examples of guidelines for the care of the traumatic arrest patient included</i>	Informational Refer to attached guidelines for care of traumatic CPR patients.

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2.	<u>Significant fall w/Pelvic Fractures:</u> Discussion of the management of the patient with the complex fracture of the pelvis. Review of Massive transfusion/resuscitation.	<i>Billings has orthopedists that provide complex acetabular/pelvis fractures. St. Vincent Healthcare: Dr. Yorgason (800)331-0222 Billings Clinic: Dr. Schultz (800)325-1774 Delayed treatment of hip dislocations increase risk of avascular necrosis (AVN)</i>	Informational
3.	<u>Resuscitation Management and Regional Transfer Decisions in MCI:</u> Discussion regarding acute resuscitation management of multiple critically injured patients. Review of ventilator management, sedation, pain management, chemical paralysis, resource management, and hypothermia.	<i>Caring for more than one critically injured patient is difficult in austere environments w/ limited resources. Allocation of those resources is very important to provide an environment of safe and adequate care. Early identification and call for transfer is vitally important.</i>	Informational
4.	<u>Blunt Thoracic Aorta Injuries:</u> Discussion surrounding the care of the known and suspected aortic injuries. Reviewed anatomy, pathophysiology and current treatment options and outcome data. Also discussed HR and BP management and goals.	<i>High index of suspicion, early identification of, and transfer to facilities with capabilities to care for these difficult injuries.</i>	Informational

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<u>SUBCOMMITTEE REPORTS</u>	<p><u>Treasurer's Report:</u> Balance start \$ 8,792.41 End \$ 8,542.41</p> <p><u>Education Subcommittee:</u> Chuck Bratsky provided the Report in Elaine's absence. Work on the Geriatric course is progressing and close to being done. Meeting on 3/22 to finalize.</p> <p><u>Quality Improvement Subcommittee:</u> Brad provided the report. Members are: Dr. Billy Oley, Dr. Ashley Quanbeck, Joe Hansen, Brad Von Bergen, Teresia Moore. We discussed the indicators that will trigger a review. Those are: Deaths w/ an ISS of <16, Pediatrics- < 14 years old who were admitted, transferred, or died, Delays in transfers > 6 hours, IV fluid resuscitation (receiving > 2000cc), and Temperature not taken or < 96.0F.</p> <p><u>Injury Prevention Subcommittee:</u> Drew Goss presented the report. Members: Koren Bloom, Andrew Goss, Chuck Bratsky, EJ Jenson, Lois Liebrand. The Seatbelt Coalition is working on several projects and ideas to increase seatbelt usage. Current usage stands @ 78%. There are many opportunities to receive and provide IP for children. Safe Kids and Think First can provide you with these opportunities. There is an opportunity to become a certified Child Passenger Safety Technician. Contact Koren Bloom @ koren.bloom@emsc.net for more information. State and local IP providers are in the process of trying to train and present the Stepping On fall prevention program. More information will be provided as the program moves forward.</p>	<p>Contact Brad for more information on our educational scholarships @ bvonbergen@billingsclinic.org</p> <p>.</p> <p>Increase number of members.</p>	<p>Brad</p> <p>Elaine</p> <p>Brad</p>

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<u>STATE REPORT</u>	<p><u>State Report:</u> New to the Office Shari Graham, NREMT-P EMS System Manager s.graham2@mt.gov ATLS 2012</p> <ul style="list-style-type: none"> ▪ March 30-31 ▪ May 18-19 ▪ November 2-3 <p>Designations/Verifications: Redesignations Harlowton TRF Th Anaconda CTF Deer Lodge TRF Columbus TRF Designations due: Conrad TRF Superior TRF Dillon TRF Whitefish TRF ACS Level III/MT Area Trauma Hospital Kalispell Regional Medical Center visit 2/27-2/28 Designation application: White Sulfur Springs</p> <p>TOTAL Designated Trauma Facilities 39</p> <p>2012 Rocky MTN Rural Trauma Symposium being hosted by Eastern RTAC September 13-14, 2012 in Bozeman, MT</p> <p>Web based Collector coming-More to follow as it becomes available.</p> <p><u>Preparedness:</u> 6 ABLS courses being held in MT BDLS and ADLS courses scheduled</p>	<p><i>Informational</i></p> <p>Applications, info, available slots on EMSTS website: www.dphhs.mt.gov/ems</p>	<p>Gail Hatch: ghatch@mt.gov, 444-3746</p> <p>Jenny Nemec</p> <p>ERTAC Members</p>

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	<p><u>EMS-Children:</u> PEPP courses planned. 2 in each region Current Pediatric transfer guidelines being updated King County based EMD classes in next 9 months-no cost to 911 centers. Will be scheduled for Missoula area, Great Falls area and NE MT Grant application submitted with St. Vincent Healthcare</p>	<p><i>Presented by Joe Hansen. For more info contact Joe @ jhansen3@mt.gov</i></p>	<p>Jennie, Kim, Gail data collection Dr. Esposito MD MPH FACS and Dr. Reynolds MD FACS are principle investigators</p>
	<p>EMS Data rules will go into effect on April 1. Webex sessions for information and education are being planned. New POLST forms available. Contact EMSTS @ 406-444-3895 for more information and to obtain forms.</p>	<p><i>Presented Jennie Nemec</i></p>	
	<p><u>Injury Prevention</u> Concussion bill being drafted Seatbelt Coalition Stepping On SBIRT-New toolkit available for youth. Contact Bobbi Perkins for toolkits</p>		
	<p><u>System Issues</u></p> <ul style="list-style-type: none"> ▪ Pediatric Neurosurgery availability ▪ Bariatric Trauma patients-New Pilatus PC-12 bariatric (650lb) FW aircraft for STATAIR and Valley MedFlight (Williston) ▪ Air Medical activation-Guideline cards coming ▪ Interfacility Transfer Issues ▪ Anticoagulated trauma patients-ERTAC handout ▪ Hypothermia/normothermia philosophy-DOCUMENT TEMPS ▪ IV fluid resuscitation-Document amount, type, reason, and result ▪ Updated MT Trauma Decision/TTA criteria 		

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	<p><u>2011 Guidelines for Field Triage of Injured Patients</u> New guidelines in January 13 MMWR- http://www.cdc.gov/fieldtriage MT workgroup to review and submit revisions</p>	<p>TTA Under Physiologic Criteria <i>Change GCS to ≤ 13 (from 14)</i> Add or need for ventilator support Under Anatomic Criteria Add Chest wall instability or deformity (e.g. Flail Chest) Under MOI Criteria Add including roof to intrusion Under special considerations Add Older adult; risk of injury/death increases after age 55 years old SBP<110 MAY represent shock in those over 55 years old Low impact mechanisms (ground level falls) May result in severe injuries Add to anticoagulation/bleeding disorders: <i>Patients with head injury are at high risk for rapid deterioration</i></p>	
	<p><u>Rural Preventable Mortality Study</u> Reviewing care of deaths for CY 2008. This will be our third study (1990 and 2000) Data from crash records, coroner and autopsy reports, death certificates. Review of records for appropriateness of care, if inappropriate care, phase of care responsible and preventability. 1990-324 deaths reviewed w/ overall preventability rate 13% 2000-347 deaths reviewed w/ overall preventability rate 8%</p> <ul style="list-style-type: none"> ▪ 1008 traumatic patient deaths 2008 ▪ After excluding non-mechanical trauma, late effects, suicides not surviving to hospital and isolated hip fractures: 447 included cases 400 have been put in Collector 	<p><i>Looking for opportunities for improvement in phases of care, types of care</i></p>	
	<p><u>Hospital Preparedness Program</u> Dayle Perrin has announced that each ERTAC has been awarded \$5,000.00 for education!!!!</p>		

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<u>Regional DATA CY 2011</u>	1,472 records have been submitted. 66.3% men, 33.7% women Race-75% white 19% American Indian 6% other or not valued Blunt 93% (MVC 37% Falls 24%) Penetrating 4% anoxic 1% burn 1% 66% come in between noon and midnight. Our hospital LOS are longer than the NTDB Hospitals, ICU LOS are similar to NTDB. 28 patients transferred to out-of-state facilities for acute care. 52 deaths in our region (MVC 35%, Falls 29%) MVC 18- (72%no seatbelt) MCC/ATV 5 (100% no helmet) Review of the 12 cases of GCS ≤ 9 and not intubated.	<i>Presented by Carol Kussman</i> <i>Increasing # Of fall etiology and increasing % of > 50 yr old. State IP working with regional RTAC's to present fall prevention programs to older people. Increase seatbelt use and helmet use</i> <i>Telemedicine attendees, please reserve your site for this meeting with your site coordinator. If you do not know who your site coordinator is, you can inquire at EMTN at Billings Clinic (406-657- 4870) or PHTN at SVH (406-237- 8659).</i>	Bobbi Perkins and IP subcommittee.																																				
<u>PUBLIC or GENERAL COMMENT</u>	A special thanks to Pam Turnbaugh and Sally Hageman for their work on this advisory committee and the great care and leadership they have provided to their communities. They will be hard to replace.																																						
<u>ADJOURNMENT NEXT MEETING</u>	Meeting was adjourned @ 1700 Thursday June 14, 2012 1400-1700. Hosted by SVH, provided by both SVH and BC. Contact Chuck Bratsky with proposals: 406.861-0951.																																						
<u>CONTACTS</u>	<table><tr><td>SVH Trauma Coordinator:</td><td>Sally Hageman</td><td>406-237-4171</td></tr><tr><td>BC Trauma Coordinator</td><td>Brad VonBergen</td><td>406-435- 1581</td></tr><tr><td>SVH Trauma Med Dir.</td><td>Dr. Dennis Maier</td><td>406-238-6470</td></tr><tr><td>BC Trauma Med. Dir.</td><td>Dr. Robert Hurd</td><td>406-238-2500</td></tr><tr><td>Education Sub Com.</td><td>Elaine Schuchard</td><td>406-230-0525</td></tr><tr><td>IP Subcomm.</td><td>Koren Bloom</td><td></td></tr><tr><td>ERTAC Chair</td><td>Dr. Billy Oley MD</td><td></td></tr><tr><td>State Trauma Manager</td><td>Jennie Nemec</td><td>406-444-0752</td></tr><tr><td>State Registry/ PI</td><td>Carol Kussman</td><td>406-444-4459</td></tr><tr><td></td><td>Gail Hatch</td><td>406-444-3746</td></tr><tr><td>EMSC</td><td>Joe Hansen</td><td>406-444-0901</td></tr><tr><td>State IP</td><td>Bobbi Perkins</td><td>406-444-4126</td></tr></table>	SVH Trauma Coordinator:	Sally Hageman	406-237-4171	BC Trauma Coordinator	Brad VonBergen	406-435- 1581	SVH Trauma Med Dir.	Dr. Dennis Maier	406-238-6470	BC Trauma Med. Dir.	Dr. Robert Hurd	406-238-2500	Education Sub Com.	Elaine Schuchard	406-230-0525	IP Subcomm.	Koren Bloom		ERTAC Chair	Dr. Billy Oley MD		State Trauma Manager	Jennie Nemec	406-444-0752	State Registry/ PI	Carol Kussman	406-444-4459		Gail Hatch	406-444-3746	EMSC	Joe Hansen	406-444-0901	State IP	Bobbi Perkins	406-444-4126	sally.hageman@svh-mt.org bvonbergen@billingsclinic.org rhurd@billingsclinic.org eschuchard@montanahealthnetwork.com koren.bloom@emsc.net or kbloom@amr-ems.com woley@billingsclinic.org jnemec@mt.gov ckussman@mt.gov ghatch@mt.gov jhansen3@mt.gov bperkins@mt.gov	Website MontanaEMS.mt.gov
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